

Mouse Phospholipase D1 ELISA Kit | Pld1 elisa kit

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CATALOG #
AAA56228

REACTIVITY
Mouse

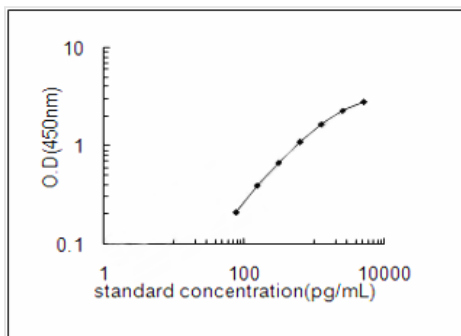
PRODUCT SYNONYMS

Phospholipase D1; Mouse Phospholipase D1 ELISA Kit; Pld1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse mPLD1. No significant cross-reactivity or interference was observed.
Sequence Length	1036
Assay Type	Sandwich
Detection Range	78-5000 pg/ml
Sensitivity	39.6 pg/mL
Intra-Assay CV	<=9.0%
Inter-Assay CV	<=11.1%
Recovery	102%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Pld1 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to mPLD1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for mPLD1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain mPLD1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of mPLD1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13124458
NCBI GeneID	18805
UniProt Accession #	Q9Z280; O35911
Molecular Weight	119,588 Da
NCBI Official Full Name	Phospholipase D1
NCBI Official Synonym Full Names	phospholipase D1
NCBI Official Symbol	Pld1
NCBI Official Synonym Symbols	Pld1a; Pld1b; C85393; AA536939
NCBI Protein Information	phospholipase D1
UniProt Protein Name	Phospholipase D1
UniProt Gene Name	Pld1
UniProt Synonym Gene Names	PLD 1; mPLD1
UniProt Entry Name	PLD1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/pld1-mouse-elisa-kits/phospholipase-d1/56228>